UTILITY **PATENT APPLICATION** TRANSMITTAL (Only Por new nonprovisional applications under 37 CFR 1.53(b))

Name:

Frederick D. Vastine, Ph.D.

Registration No.:

27,013

Attorney Docket No. 248903USOX CONT PATENT APPLICATION Title Laura M. ZANIBELLI Laura M. ZANIBELI L									
TRANSHITTAL Catalytic composition for the UpgRaDing of Hydrocarbons Have prepared applications under 97 CRF 1.58(a) Title Catalytic composition for the UpgRaDing of Hydrocarbons Have prepared to the processing utility patient application contents	S UTILITY	Attorney Docket No.	248903US0X CONT						
APPLICATION ELEMENTS See MFEP chapter 600 concerning utility patient application contents ADRESS TO: Commissioner for Patients Mail Stop Patient Application Alexandria, Virginia 22313 673 1. Fee Transmittal Form (e.g. PTO/SB/17) (Submit an original and a duplicate for fee processing) 2. Specification		First Inventor or Applic	First Inventor or Application Identifier Laura M. ZANIBELLI						
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patient application contents ADDRESS TO: Commissioner for Patents Mail Stop Patent Application Set William (Submit an original and a duplicate for fee processing) 1. Fee Transmittal Form (e.g. PTO/SB/17) (Submit an original and a duplicate for fee processing) 2. Specification		Title CATALYTIC CO	MPOSITION FOR THE UPGRADING OF HYDROCARBONS HEVING						
APPLICATION ELEMENTS See MPSP chapter 600 concening ultility patent application contents ADRESS TO: Mail Stop Patent Application of Mail Stop Patent Application Patents ACCOMPANYING APPLICATION PARTS		1 20.20	, with the second secon						
Submit an original and a duplicate for fee processing)			ADDRESS TO: Mail Stop Patent Application						
2. Specification Total Sheets 37 Specification Total Sheets 37 Specification Total Sheets 37 Specification Total Sheets 37 Specification Total Sheets 37 Specification Total Sheets 37 Specification Total Sheets 37 Specification Total Pages 4			ACCOMPANYING APPLICATION PARTS						
3. Drawing(s) (35 U.S.C. 113) Total Sheets			7. Assignment Papers (cover sheet & document(s))						
3. Drawing(s) (35 U.S.C. 113) Total Sheets	2. Specification	Γotal Sheets 37	8. Application Data Sheet. See 37 CFR 1.76						
4.									
4.	3. Drawing(s) (35 U.S.C. 113)	Total Sheets	10. ☐ English Translation Document (if applicable)						
a. Newly executed (original or copy) b. Copy from a prior application (37 C.F.R. §1.63(d))									
b.	4. Oath or Declaration	Total Pages 4	12. Preliminary Amendment						
(Interesting priority is claimed) (Interesting priority is cla	 a.	l or copy)	13. White Advance Serial No. Postcard						
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §1.63(d)(2) and 1.33(b). CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification or Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies 17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below: Continuation Divisional Continuation-in-part (CIP) of prior application no.: 09/539,877 Prior application information: Examiner: Tam Nguyen For CONTINUATION OR DIVISIONAL APPS only. The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 18. CORRESPONDENCE ADDRESS Customer Number 22850 (703) 413-3000 FACSIMILE: (703) 413-2220	(for continuation/divisional with	box 17 completed)							
5. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification or Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies 17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below: Continuation Divisional Continuation-in-part (CIP) of prior application no:: 09/539,877 Prior application information: Examiner: Tam Nguyen Group Art Unit: 1764 For CONTINUIATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 18. CORRESPONDENCE ADDRESS Customer Number 22850 (703) 413-3000 FACSIMILE: (703) 413-2220	Signed statement attact the prior application, see	hed deleting inventor(s) named in							
a. Computer Readable Form (CRF) b. Specification or Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies 17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below: Continuation Divisional Continuation-in-part (CIP) of prior application no.: 09/539,877 Prior application information: Examiner: Tam Nguyen Group Art Unit: 1764 For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 18. CORRESPONDENCE ADDRESS Customer Number 22850 (703) 413-3000 FACSIMILE: (703) 413-2220	E ☐ CD-ROM or CD-R in duplicat	e, large table or Computer							
a. Computer Readable Form (CRF) b. Specification or Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies 17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below: Continuation Divisional Continuation-in-part (CIP) of prior application no.: 09/539,877 Prior application information: Examiner: Tam Nguyen Group Art Unit: 1764 For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 18. CORRESPONDENCE ADDRESS Customer Number 22850 (703) 413-3000 FACSIMILE: (703) 413-2220		Sequence Submission							
i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies 17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below: Continuation Divisional Continuation-in-part (CIP) of prior application no.: 09/539,877 Prior application information: Examiner: Tam Nguyen Group Art Unit: 1764 For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 18. CORRESPONDENCE ADDRESS Customer Number 22850 (703) 413-3000 FACSIMILE: (703) 413-2220		ı (CRF)							
ii. Paper c. Statements verifying identity of above copies 17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below: Continuation Divisional Continuation-in-part (CIP) of prior application no.: 09/539,877 Prior application information: Examiner: Tam Nguyen Group Art Unit: 1764 For CONTINUATION OR DIVISIONAL APPS only. The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 18. CORRESPONDENCE ADDRESS Customer Number 22850 (703) 413-3000 FACSIMILE: (703) 413-2220	b. Specification or Sequence Lis	iting on :							
c. Statements verifying identity of above copies 17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below: Continuation Divisional Continuation-in-part (CIP) of prior application no.: 09/539,877 Prior application information: Examiner: Tam Nguyen Group Art Unit: 1764 For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 18. CORRESPONDENCE ADDRESS Customer Number 22850 (703) 413-3000 FACSIMILE: (703) 413-2220		opies); or							
17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below: Continuation Divisional Continuation-in-part (CIP) of prior application no.: 09/539,877 Prior application information: Examiner: Tam Nguyen Group Art Unit: 1764 For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 18. CORRESPONDENCE ADDRESS Customer Number 22850 (703) 413-3000 FACSIMILE: (703) 413-2220	·								
Continuation Divisional Continuation-in-part (CIP) of prior application no.: 09/539,877 Prior application information: Examiner: Tam Nguyen Group Art Unit: 1764 For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 18. CORRESPONDENCE ADDRESS Customer Number 22850 (703) 413-3000 FACSIMILE: (703) 413-2220	c. Statements verifying ider	tity of above copies							
Prior application information: Examiner: Tam Nguyen Group Art Unit: 1764 For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 18. CORRESPONDENCE ADDRESS Customer Number 22850 (703) 413-3000 FACSIMILE: (703) 413-2220	<u> </u>		·						
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 18. CORRESPONDENCE ADDRESS Customer Number 22850 (703) 413-3000 FACSIMILE: (703) 413-2220									
considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only when a portion has been inadvertently omitted from the submitted application parts. 18. CORRESPONDENCE ADDRESS Customer Number 22850 (703) 413-3000 FACSIMILE: (703) 413-2220			· ·						
Customer Number 22850 (703) 413-3000 FACSIMILE: (703) 413-2220	considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon								
22850 (703) 413-3000 FACSIMILE: (703) 413-2220		18. CORRESPOND	DENCE ADDRESS						
(703) 413-3000 FACSIMILE: (703) 413-2220	Customer Number								
(703) 413-3000 FACSIMILE: (703) 413-2220	22850								
No. 17 CH	(703) 413-3000								
Name' (Norman F. (Dhion I Redistration No. 1 74 b) x	Name: Norman F. Oblon		Registration No.: 24,618						
Signature: 1-10 Vartino Date: 27.013	10//	Line							



Socket No.

248903US0X CONT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S) Laura M. ZANIBELLI, et al.

SERIAL NO:

New Application

FILING DATE: Herewith

FOR:

CATALYTIC COMPOSITION FOR THE UPGRADING OF HYDROCARBONS HAVING BOILING

POINTS WITHIN THE NAPHTHA RANGE

FEE TRANSMITTAL

COMMISSIONER FOR PATENTS ALEXANDRIA, VIRGINIA 22313

FOR	NUMBER FILED				NUMBER EXTRA	RATE			CALCULATIONS
TOTAL CLAIMS	29	-	20	=	9	x	\$18	=	\$162.00
INDEPENDENT CLAIMS	1	-	3	=	0	х	\$86	=	\$0.00
MULTIPLE DEPENDENT CLAIMS (If applicable) + \$290 =								=	\$290.00
☐ LATE FILING OF DECLARATION							\$130	=	\$0.00
BASIC FEE								\$770.00	
TOTAL OF ABOVE CALCULATIONS								\$1,222.00	
☐ REDUCTION BY 50% FOR FILING BY SMALL ENTITY							\$0.00		
☐ FILING IN NON-ENGLISH LANGUAGE						+	\$130	=	\$0.00
☐ RECORDATION OF ASSIGNMENT						+	\$40	=	\$0.00
							TOTA	٩L	\$1,222.00

☐ Please charge Deposit Account No. <u>15-0030</u> in the amount of	A duplicate copy of this sheet is enclosed.
---	---

☐ A check in the amount of

to cover the filing fee is enclosed.

☐ Credit card payment form is attached to cover the filing fee in the amount of

113/04

The Director is hereby NOT authorized to charge any additional fees which may be required for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to Deposit Account No. 15-0030.

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

Norman F. Oblon

Registration No. 24,618

Customer Number

22850

Tel. (703) 413-3000 Fax. (703) 413-2220 (OSMMN 05/03)

Frederick D. Vastine, Ph.D. 27,013

Registration No.